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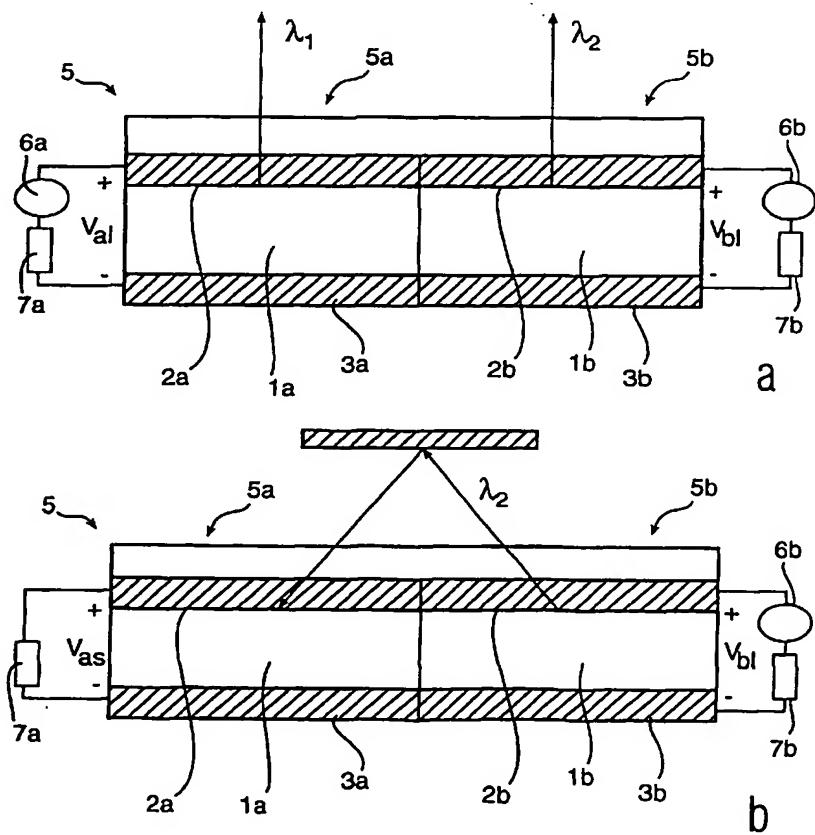
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(54) Title: SCANNING DISPLAY



(57) Abstract: This invention relates to a display device (5) comprising first and a second sub-pixel (5a, 5b), said first sub-pixel (5a) emitting light of a first wavelength ( $\lambda_1$ ) and said second sub-pixel (5b) emitting light of a second wavelength ( $\lambda_2$ ), said first sub-pixel (5a) comprising a first organic electroluminescent layer (1a), such as a polymer or a small- compound molecule layer, which is sandwiched between a front and a back electrode (2a, 3a), with a first state in which an emission driving signal ( $V_{al}$ ) is applied across said first layer (1a) for generating an emission state in which light of said first wavelength ( $\lambda_1$ ) is emitted, and with a second state in which a sensing driving signal ( $V_{as}$ ) is applied across said first layer (1a), whereby light of said second wavelength ( $\lambda_2$ ) incident on said first sub-pixel (5a) can be detected. Preferably, said first electrodes (2a, 3a) are held at essentially the same potential.

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